

Table:

Expected product, size, restriction sites:	pA15A, 2 kb, X/P
H ₂ O (reaction volume - reagents added =)	23 µL
Buffer (10x): NEB 2	5 µL
BSA (100x) used?	No
DNA sample, concentration, amount used: 5/23 miniprep of pA15A (50 ng/µL)	20 µL
Enzyme 1: XbaI	1 µL
Enzyme 2: PstI	1 µL
Total reaction volume:	50 µL
Digest started at:	4:05pm
Digest done at:	5:05pm
Additional info: <ul style="list-style-type: none"> - This digest is for ligation with: ____ - (did you use the wrong buffer by accident?) - (did you digest less than 1 µg of DNA?) 	

Preparations:

- Fill ice bucket.
- Find and thaw buffer, and BSA (optional).
- Calculate volume of DNA sample to add

Procedure:

- 1) Add reagents to tube.
- 2) Incubate at temperature indicated for enzymes used.
- 3) Heat-kill if necessary.